

Radio Testing of the

Globalstar USA LLC

LTE Cat M1 Transceiver RM200M

In accordance with

FCC Part 24, Subpart E

FCC Part 22. Subpart H

FCC Part 27, Subpart C, F, H, L

Globalstar USA LLC

1351 Holiday Square Blvd

Covington, Louisiana 70433

USA



America

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COMMERCIAL-IN-CONFIDENCE

Date: September 2026

Document Number: 721022331 Rev.1 | Version Number: 01

RESPONSIBLE FOR	NAME	DATE	SIGNATURE
Authorized Signatory	Ferdinand S. Custodio	September 17, 2026	

Signatures in this approval box have checked this document in line with the requirements of TÜV SÜD document control rules.

EXECUTIVE SUMMARY

The EUT in general was confirmed to be in compliance with FCC Part 24, Subpart E, FCC Part 22. Subpart H and FCC Part 27, Subpart C, F, H, L.



A2LA Cert. No. 2955.13

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REPORT ON	Radio Testing of the Globalstar USA LLC Model: RM200M
TEST REPORT NUMBER	721022331 Rev.1
TEST REPORT DATE	September 2026
PREPARED FOR	Globalstar USA LLC
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APPROVED BY	 Ferdinand S. Custodio Name Authorized Signatory Title:
DATED	September 17, 2026



Revision History

721022331 Rev.1 Globalstar USA LLC Model:RM200M					
DATE	OLD REVISION	NEW REVISION	REASON	PAGES AFFECTED	APPROVED BY
09/14/2026	—	Initial Release			Ferdinand S. Custodio
09/17/2026	72102331	721022331 Rev.1	Results for emissions in the 1559 MHz to 1610 MHz band have been added to the test report.	Section 2.7.15 Section 2.7.7 Section 1.4.2 Section 1.4.3 Section 1.4.4	Ferdinand S. Custodio



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SECTION 1

1 REPORT SUMMARY

Radio Testing of the
Globalstar USA LLC
RM200M



1.1 INTRODUCTION

The information contained in this report is intended to show verification of the Globalstar USA LLC Model: RM200M to the requirements of FCC Part 24, Subpart E, FCC Part 22. Subpart H and FCC Part 27, Subpart C, F, H, L.

Objective	To perform Radio testing to determine the Equipment Under Test's (EUT's) compliance with the test specification, for the series of tests carried out.
Manufacturer	Globalstar USA LLC
EUT	LTE Cat M1 Transceiver
HVIN	RevC
Hardware Version	RevC
Firmware Version	1.8.1
Model Number(s)	RM200M
Serial Number(s)	010011588877
Number of Samples Tested	1
Test Specification/Issue/Date	• FCC Part 24, Subpart E • FCC Part 22. Subpart H • FCC Part 27, Subpart C, F, H, L
Start of Test	June 16, 2026
Finish of Test	September 16, 2026
Name of Engineer(s)	Omar Castillo [OC] Joe Salvadoe [JS]
Related Document(s)	• ANSI C63.26, 2015 Edition, 2015- American National Standard for Compliance Testing of Transmitters Used in Licensed Radio Services. • 971168 D01 Power Meas License Digital Systems v03r01. • ANSI C63.4-2014 American National Standard for Methods of Measurement of Radio-Noise Emissions from Low-Voltage Electrical and Electronic Equipment in the Range of 9 kHz to 40 GHz. • TG.09.0113.pdf (Antenna Spec)



1.2 BRIEF SUMMARY OF RESULTS

A brief summary of the tests carried out in accordance with FCC Part 24, Subpart E, FCC Part 22, Subpart H and FCC Part 27, Subpart C, F, H, L with cross-reference to the corresponding ISSED RSS standard are shown below:

Section	Spec Clause				Test Description	Result
	FCC Part 24, Subpart E	FCC Part 22, Subpart H	FCC Part 27, Subpart C, F, H, L	FCC		
2.1	24.232(C)	22.913(a)(5)	27.50(d)(4) 27.50(C)(9)(10) 27.50(b)(9)(10)		Transmitter Output Power	Compliant
2.2	24.232(d)	22.913(d)	27.50(d)(5)		Peak to Average Ratio	Compliant
2.3				FCC 2.1049	Occupied Bandwidth and Emission Limitations	Compliant
2.4	24.235	22.355	27.54	2.1055	Frequency Stability / Tolerance	Compliant
2.5	24.238	22.917	27.53 (h) 27.53 (g) 27.53 (C)	2.1051	Band Edge Measurements / Out of Band Emissions Measurements	Compliant
2.6	24.238	22.917	27.53 (h) 27.53 (g) 27.53 (C)	2.1051	Spurious Emissions at the Antenna Port	Compliant
2.7	24.238	22.917	27.53 (h) 27.53 (g) 27.53 (C)		Radiated Spurious Emissions	Compliant



1.3 PRODUCT INFORMATION

1.3.1 EUT Technical Description

The Equipment Under Test (EUT) was an LTE Cat M1 Transceiver . Model Number RM200M.

A full description and detailed product specifications are available from the manufacturer.

1.3.2 EUT General Description

EUT Description	LTE Cat M1 Transceiver	
Model Number(s)	RM200M	
Input Voltage	5VDC via USB Type C	
Capability (Frequency Bands)	LTE Band 2	UL:1850 – 1910MHz
	Cat-M1	DL: 1930 – 1990MHz
	LTE Band 4	UL:1710 – 1755MHz
	Cat-M1	DL: 2110 – 2155MHz
	LTE Band 5	UL:824 – 849MHz
	Cat-M1	DL: 869 – 894MHz
	LTE Band 12	UL:699 – 716MHz
	Cat-M1	DL: 729 – 746MHz
Channel Bandwidth	LTE Band 13	UL:777 – 787MHz
	Cat-M1	DL: 746 – 756MHz
	LTE Band 66	UL:1710 – 1780MHz
	Cat-M1	DL: 2110 – 2200MHz
	1.4 MHz (all bands)	
	LTE Band 2 Cat-M1	
	LTE Band 4 Cat-M1	
	LTE Band 5 Cat-M1	
Capability (Frequency Bands)	LTE Band 12 Cat-M1	
	LTE Band 13 Cat-M1	
	LTE Band 66 Cat-M1	



Primary Unit (EUT)

- ☐ Production
☒ Pre-Production
☐ Engineering

Maximum Antenna Gain
(Antenna Spec Supplied from
Manufacturer)

Brand: Taoglas

Type: Hinged Cellular Antenna

Part Number: TG.09.0113

Maximum Antenna Gain
(Taoglas TG.03.0113)

Band (UL)	Maximum Antenna Gain (dBi)
LTE Band 2 Cat-M1	4.27
LTE Band 4 Cat-M1	4.27
LTE Band 5 Cat-M1	3.37
LTE Band 12 Cat-M1	2.88
LTE Band 13 Cat-M1	2.88
LTE Band 66 Cat-M1	4.27

1.3.3 Maximum Conducted Output Power

Band	Emission Designator	UL Frequency (MHz)	Conducted Power (dBm) rms
LTE Band 2 Cat-M1	1M40G7W	1850 – 1910	23.36
LTE Band 4 Cat-M1	1M40G7W	1710 – 1755	22.46
LTE Band 5 Cat-M1	1M40G7W	824 – 849	22.66
LTE Band 12 Cat-M1	1M40G7W	699 – 716	22.66
LTE Band 13 Cat-M1	1M40G7W	777 – 787	22.36
LTE Band 66 Cat-M1	1M40G7W	1710 – 1780	22.66



1.4 EUT TEST CONFIGURATION

1.4.1 Test Configuration Description

Test Configuration	Description
Test Mode (Conducted Port)	The EUT was connected using RF cables through a directional coupler. The output port of the directional coupler was connected to the CMW500 call box to maintain the communication link, while the forward port was connected to a spectrum analyzer for measurement and monitoring of the Uplink Signal.
Test Mode (Cabinet Spurious Emissions)	The EUT was connected using RF cables to the CMW500 call box to maintain the communication.
Test Mode (Radiated Spurious Emissions)	The EUT was connected (wireless connection) to the CMW500 call box to maintain the communication.

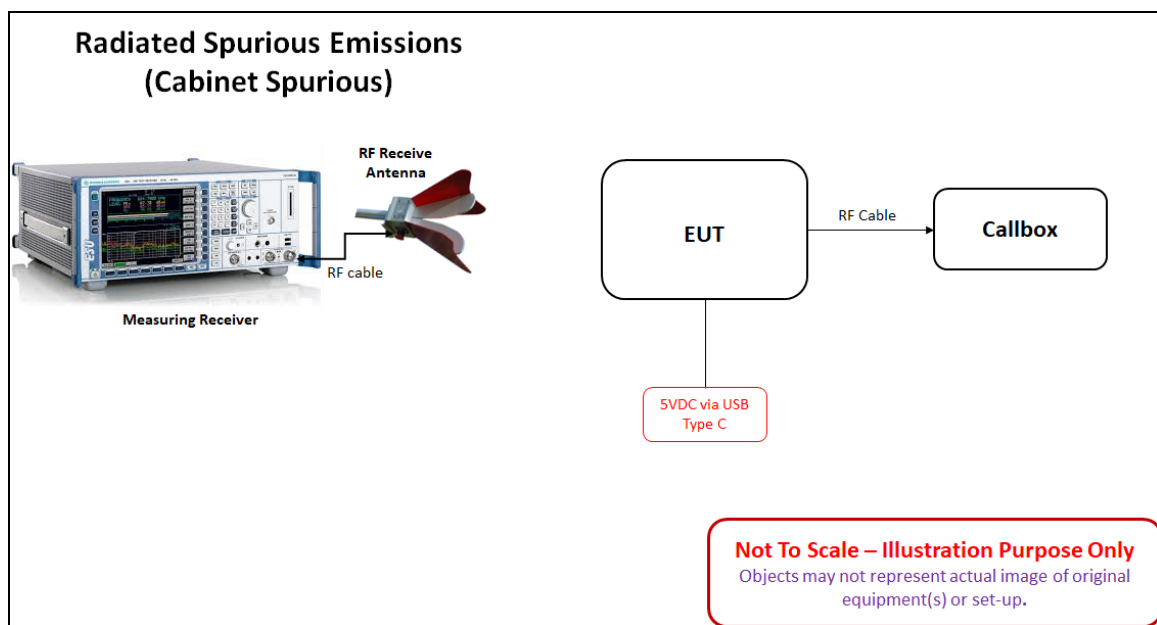
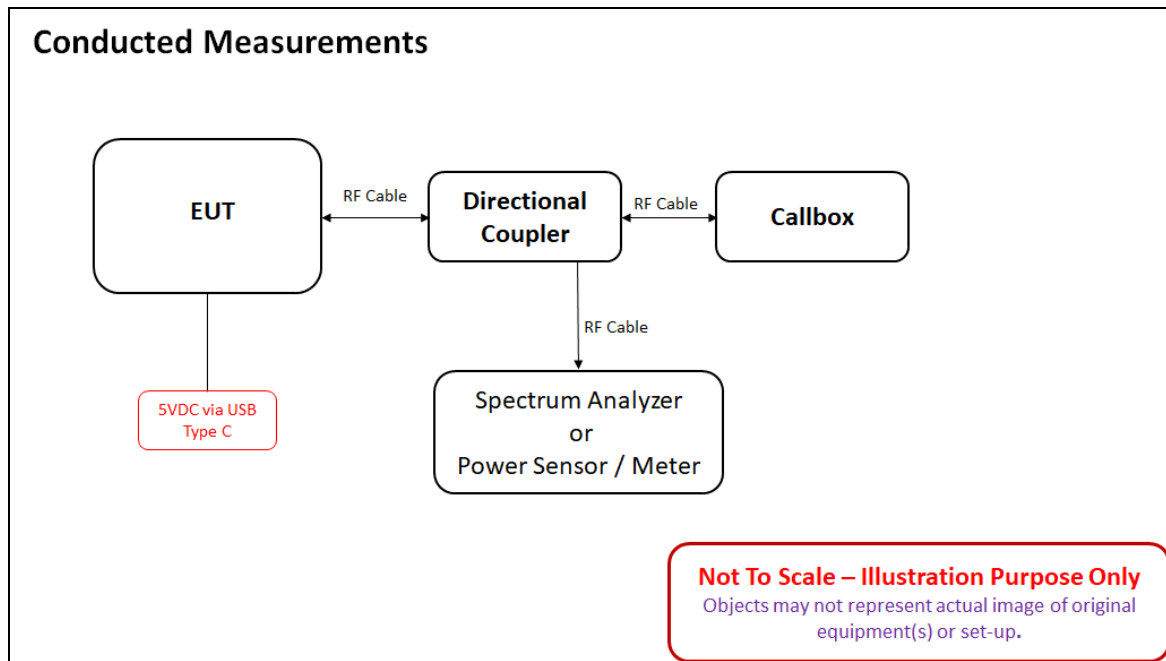
1.4.2 EUT Exercise Software

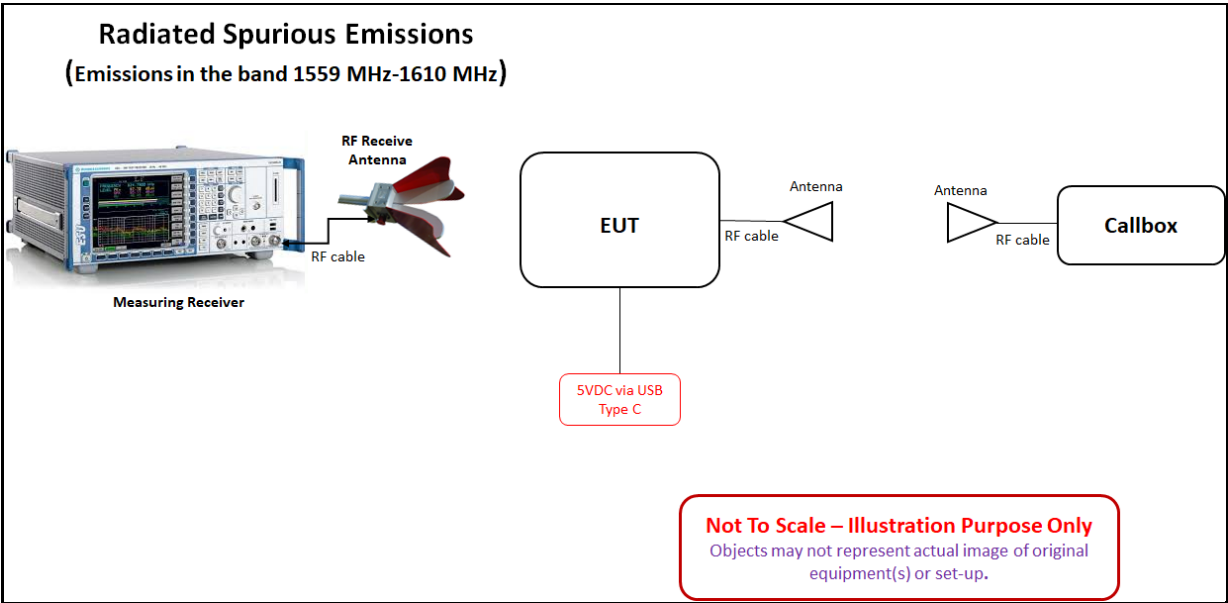
None

1.4.3 Support Equipment and I/O cables

Manufacturer	Equipment/Cable	Description
Rohde and Schwarz	Wideband Radio Comm. Tester	Model: CMW500 SN: 103829
EMCO	Antenna, Double Ridge Horn	Model: 3115 SN: 9412-4364

1.4.4 Simplified Test Configuration Diagram





1.5 DEVIATIONS FROM THE STANDARD

No deviations from the applicable test standards or test plan were made during testing.

1.6 MODIFICATION RECORD

Description of Modification	Modification Fitted By	Date Modification Fitted
Serial Number: 010011588877		
None	—	—

The table above details modifications made to the EUT during the test program. The modifications incorporated during each test (if relevant) are recorded on the appropriate test pages.

1.7 TEST METHODOLOGY

All measurements contained in this report were conducted with ANSI C63.26, 2015 Edition, 2015-American National Standard for Compliance Testing of Transmitters Used in Licensed Radio Services

For conducted and radiated emissions, the equipment under test (EUT) was configured to measure its highest possible emission level. This level was based on the maximized cable configuration from exploratory testing per ANSI C63.26, 2015. The test modes were adapted according to the Operating Instructions provided by the manufacturer/client.

1.8 TEST FACILITY LOCATION

1.8.1 TÜV SÜD America Inc. (Mira Mesa)

10040 Mesa Rim Road, San Diego, CA 92121-2912 (32.901268,-117.177681). Phone: 858 678 1400
FAX: 858 546 0364

1.9 TEST FACILITY REGISTRATION

1.9.1 FCC – Designation No.: US1146

TÜV SÜD America Inc. (San Diego), is an accredited test facility with the site description report on file and has met all the requirements specified in §2.948 of the FCC rules. The acceptance letter from the FCC is maintained in our files and the Designation is US1146.



1.9.2 Innovation, Science and Economic Development Canada (IC) Registration No.: 3067A-1 & 22806-1

The 3m Semi-anechoic chamber of TÜV SÜD America Inc. (San Diego Mira Mesa) has been registered by Certification and Engineering Bureau of Innovation, Science and Economic Development Canada for radio equipment testing with Registration No. 22806-1.

1.9.3 BSMI – Laboratory Code: SL2-IN-E-028R (US0102)

TÜV Product Service Inc. (San Diego) is a recognized EMC testing laboratory by the BSMI under the MRA (Mutual Recognition Arrangement) with the United States. Accreditation includes CNS 13438 up to 6GHz.

1.9.4 NCC (National Communications Commission - US0102)

TÜV SÜD America Inc. (San Diego) is listed as a Foreign Recognized Telecommunication Equipment Testing Laboratory and is accredited to ISO/IEC 17025 (A2LA Certificate No.2955.13) which under APEC TEL MRA Phase 1 was designated as a Conformity Assessment Body competent to perform testing of equipment subject to the Technical Regulations covered under its scope of accreditation including RTTE01, PLMN01 and PLMN08 for TTE type of testing and LP002 for Low-Power RF Device type of testing.

1.9.5 VCCI – Registration No. A-0412

TÜV SÜD America Inc. (San Diego) is a VCCI registered measurement facility which includes radiated field strength measurement, radiated field strength measurement above 1GHz, mains port interference measurement and telecommunication port interference measurement.

1.9.6 RRA – Identification No. US0102

TÜV SÜD America Inc. (San Diego) is National Radio Research Agency (RRA) recognized laboratory under Phase I of the APEC Tel MRA.

1.9.7 OFCA – U.S. Identification No. US0102

TÜV SÜD America Inc. (San Diego) is recognized by Office of the Communications Authority (OFCA) under Appendix B, Phase I of the APEC Tel MRA.



SECTION 2

2 TEST DETAILS

Radio Testing of the
Globalstar USA LLC
RM200M



2.1 TRANSMITTER OUTPUT POWER

2.1.1 Specification Reference

FCC Part 24, Subpart E - 24.232(c)
FCC Part 22, Subpart H – 22.913(a)(5)
FCC Part 27, Subpart C, F, H, L – 27.50(d)(4)
FCC Part 27, Subpart C, F, H, L – 27.50(c)(9)(10)
FCC Part 27, Subpart C, F, H, L – 27.50(b)(9)(10)

2.1.2 Standard Applicable

FCC CFR Title 47 Part 24.232(c) / For LTE Band 2

Mobile and portable stations are limited to 2 watts EIRP and the equipment must employ a means for limiting power to the minimum necessary for successful communications.

FCC CFR Title 47 Part 22.913(a)(5) / For LTE Band 5

The ERP of mobile transmitters and auxiliary test transmitters must not exceed 7 watts.

FCC CFR Title 47 Part 27.50(d)(4) / For LTE Band 4 and 66

Fixed, mobile, and portable (hand-held) stations operating in the 1710-1755 MHz band and mobile and portable stations operating in the 1695-1710 MHz and 1755-1780 MHz bands are limited to 1 watt EIRP.

FCC CFR Title 47 Part 27.50(c)(9)(10) / For LTE Band 12

Control and mobile stations in the 698-746 MHz band are limited to 30 watts ERP.

Portable stations (hand-held devices) in the 600 MHz uplink band and the 698-746 MHz band, and fixed and mobile stations in the 600 MHz uplink band are limited to 3 watts ERP.

FCC CFR Title 47 Part 27.50(b)(9)(10) / For LTE Band 13

Control stations and mobile stations transmitting in the 746-757 MHz, 776-788 MHz, and 805-806 MHz bands and fixed stations transmitting in the 787-788 MHz and 805-806 MHz bands are limited to 30 watts ERP.

Portable stations (hand-held devices) transmitting in the 746-757 MHz, 776-788 MHz, and 805-806 MHz bands are limited to 3 watts ERP.

2.1.3 Equipment Under Test and Modification State

Serial No: 010011588877 / Conducted Port Test Configuration

2.1.4 Date of Test/Initial of test personnel who performed the test

June 26, 2026 / OC.

2.1.5 Test Equipment Used

The major items of test equipment used for the above tests are identified in Section 3.1.



2.1.6 Environmental Conditions/ Test Location

Test performed at TÜV SÜD America Inc. Mira Mesa facility.

Ambient Temperature 22.3 °C
Relative Humidity 36.7 %
ATM Pressure 99.8 kPa

2.1.7 Additional Observations

- This is a conducted test.
- Transmitter Power was measured with a Power Sensor (Burst Measurement).
- Compensation for the RF cable and the directional coupler path loss was applied during the measurement.
- Test method was performed per ANSI C63.26, 2015 Edition, 2015 Section 5.2.
- Test was performed under normal environment conditions.
- Only screenshots from the mid-channel are presented for reference.
- Test setup Pictures will be provided as separate exhibits.
- For the ERP and EIRP calculations, the antenna gain specified in Section 1.3.2 of this test report was used.

2.1.8 Test Results

Band 2 (Conducted)

Band	Modulation	Channel (MHz)	Conducted Power rms (dBm)	Duty Cycle	Power rms (dBm) Corrected for 100% Duty Cycle
Band 2	QPSK	1850.7	14.10	13%	22.96
		1880	14.10	13%	22.96
		1909.3	14.20	13%	23.06
	16-QAM	1850.7	14.10	13%	22.96
		1880	14.30	13%	23.16
		1909.3	14.50	13%	23.36

Band 2 (EIRP / ERP)

Band	Modulation	Channel (MHz)	Conducted Power dBm (rms)	Power EIRP (dBm)	Power EIRP (Watts)	Power ERP (dBm)	Power ERP (Watts)
Band 2	QPSK	1850.7	22.96	27.23	0.528	25.08	0.322
		1880	22.96	27.23	0.528	25.08	0.322
		1909.3	23.06	27.33	0.541	25.18	0.330
	16-QAM	1850.7	22.96	27.23	0.528	25.08	0.322
		1880	23.16	27.43	0.553	25.28	0.337
		1909.3	23.36	27.63	0.579	25.48	0.353

Band 4 (Conducted)

Band	Modulation	Channel (MHz)	Conducted Power rms (dBm)	Duty Cycle	Power rms (dBm) Corrected for 100% Duty Cycle
Band 4	QPSK	1710.7	13.60	13%	22.46
		1732.5	13.20	13%	22.06
		1754.3	13.10	13%	21.96
	16-QAM	1710.7	13.40	13%	22.26
		1732.5	13.10	13%	21.96
		1754.3	13.10	13%	21.96

Band 4 (EIRP / ERP)

Band	Modulation	Channel (MHz)	Conducted Power dBm (rms)	Power EIRP (dBm)	Power EIRP (Watts)	Power ERP (dBm)	Power ERP (Watts)
Band 4	QPSK	1710.7	22.46	26.73	0.471	24.58	0.287
		1732.5	22.06	26.33	0.471	24.18	0.262
		1754.3	21.96	26.23	0.471	24.08	0.256
	16-QAM	1710.7	22.26	26.53	0.471	24.38	0.274
		1732.5	21.96	26.23	0.471	24.08	0.256
		1754.3	21.96	26.23	0.471	24.08	0.256

Band 5 (Conducted)

Band	Modulation	Channel (MHz)	Conducted Power rms (dBm)	Duty Cycle	Power rms (dBm) Corrected for 100% Duty Cycle
Band 5	QPSK	824.7	13.60	13%	22.46
		836.5	13.50	13%	22.36
		848.3	13.80	13%	22.66
	16-QAM	824.7	13.60	13%	22.46
		836.5	13.60	13%	22.46
		848.3	13.80	13%	22.66

Band 5 (EIRP / ERP)

Band	Modulation	Channel (MHz)	Conducted Power dBm (rms)	Power EIRP (dBm)	Power EIRP (Watts)	Power ERP (dBm)	Power ERP (Watts)
Band 5	QPSK	824.7	22.46	25.83	0.383	23.68	0.233
		836.5	22.36	25.73	0.374	23.58	0.228
		848.3	22.66	26.03	0.401	23.88	0.244
	16-QAM	824.7	22.46	25.83	0.383	23.68	0.233
		836.5	22.46	25.83	0.383	23.68	0.233
		848.3	22.66	26.03	0.401	23.88	0.244

Band 12 (Conducted)

Band	Modulation	Channel (MHz)	Conducted Power rms (dBm)	Duty Cycle	Power rms (dBm) Corrected for 100% Duty Cycle
Band 12	QPSK	699.7	13.80	13%	22.66
		707.5	13.80	13%	22.66
		715.3	13.70	13%	22.56
	16-QAM	699.7	13.80	13%	22.66
		707.5	13.80	13%	22.66
		715.3	13.80	13%	22.66

Band 12 (EIRP / ERP)

Band	Modulation	Channel (MHz)	Conducted Power dBm (rms)	Power EIRP (dBm)	Power EIRP (Watts)	Power ERP (dBm)	Power ERP (Watts)
Band 12	QPSK	699.7	22.66	25.54	0.358	23.39	0.218
		707.5	22.66	25.54	0.358	23.39	0.218
		715.3	22.56	25.44	0.350	23.29	0.213
	16-QAM	699.7	22.66	25.54	0.358	23.39	0.218
		707.5	22.66	25.54	0.358	23.39	0.218
		715.3	22.66	25.54	0.358	23.39	0.218

Band 13 (Conducted)

Band	Modulation	Channel (MHz)	Conducted Power rms (dBm)	Duty Cycle	Power rms (dBm) Corrected for 100% Duty Cycle
Band 13	QPSK	777.7	13.40	13%	22.26
		782	13.40	13%	22.26
		786.3	13.40	13%	22.26
	16-QAM	777.7	13.50	13%	22.36
		782	13.30	13%	22.16
		786.3	13.40	13%	22.26

Band 13 (EIRP / ERP)

Band	Modulation	Channel (MHz)	Conducted Power dBm (rms)	Power EIRP (dBm)	Power EIRP (Watts)	Power ERP (dBm)	Power ERP (Watts)
Band 13	QPSK	777.7	22.26	25.14	0.327	22.99	0.199
		782	22.26	25.14	0.327	22.99	0.199
		786.3	22.26	25.14	0.327	22.99	0.199
	16-QAM	777.7	22.36	25.24	0.334	23.09	0.204
		782	22.16	25.04	0.319	22.89	0.195
		786.3	22.26	25.14	0.327	22.99	0.199



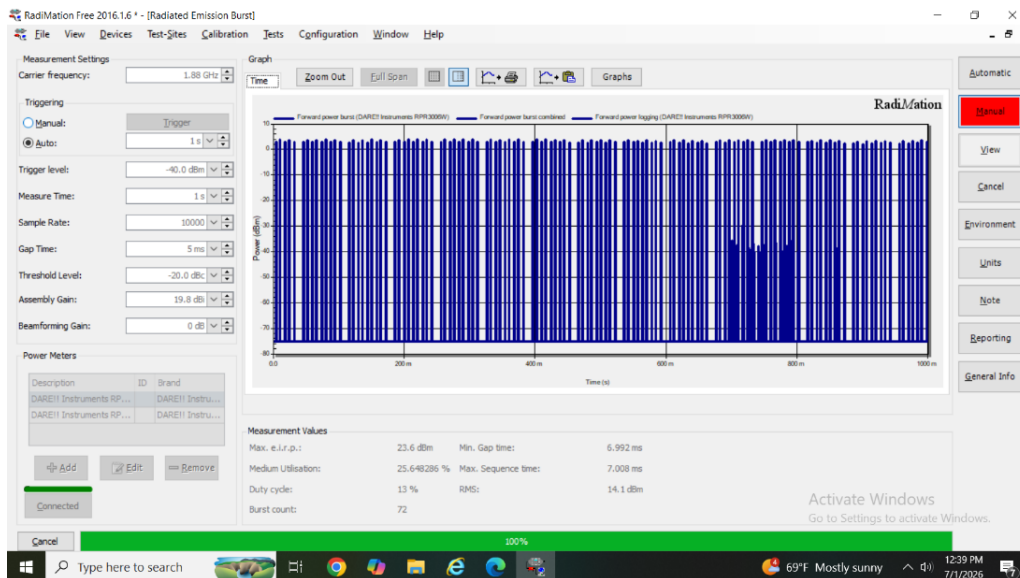
Band 66 (Conducted)

Band	Modulation	Channel (MHz)	Conducted Power rms (dBm)	Duty Cycle	Power rms (dBm) Corrected for 100% Duty Cycle
Band 66	QPSK	1710.7	13.40	13%	22.26
		1745	12.90	13%	21.76
		1779.3	13.80	13%	22.66
	16-QAM	1710.7	13.30	13%	22.16
		1745	12.90	13%	21.76
		1779.3	13.80	13%	22.66

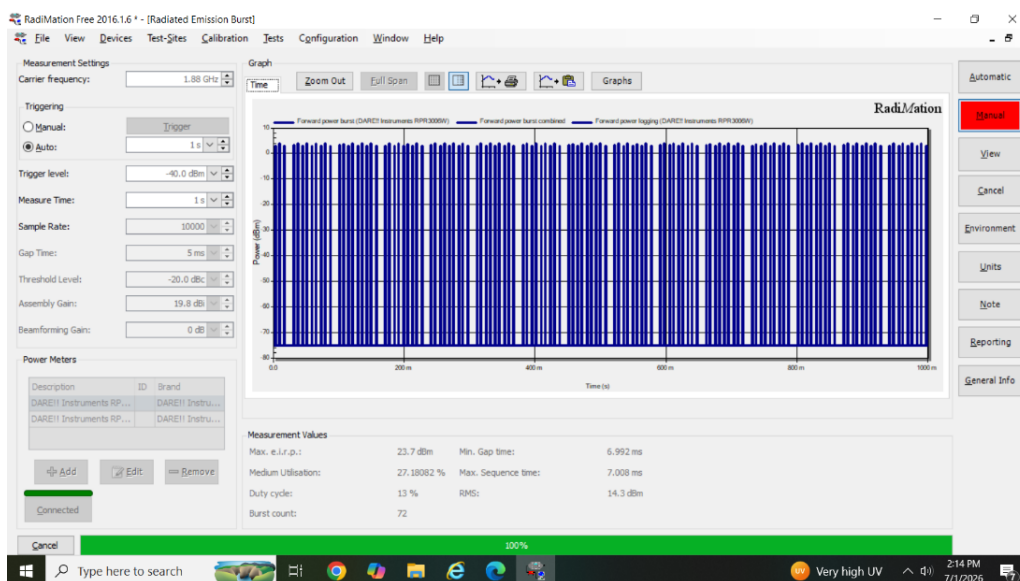
Band 66 (EIRP / ERP)

Band	Modulation	Channel (MHz)	Conducted Power dBm (rms)	Power EIRP (dBm)	Power EIRP (Watts)	Power ERP (dBm)	Power ERP (Watts)
Band 66	QPSK	1710.7	22.26	26.53	0.450	24.38	0.274
		1745	21.76	26.03	0.401	23.88	0.244
		1779.3	22.66	26.93	0.493	24.78	0.301
	16-QAM	1710.7	22.16	26.43	0.440	24.28	0.268
		1745	21.76	26.03	0.401	23.88	0.244
		1779.3	22.66	26.93	0.493	24.78	0.301

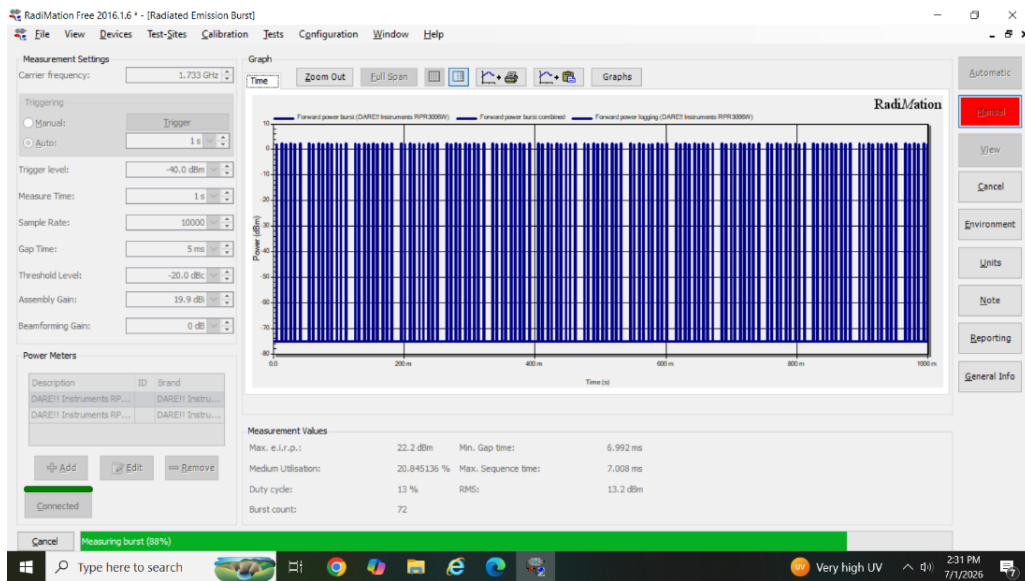
2.1.9 Test Plots



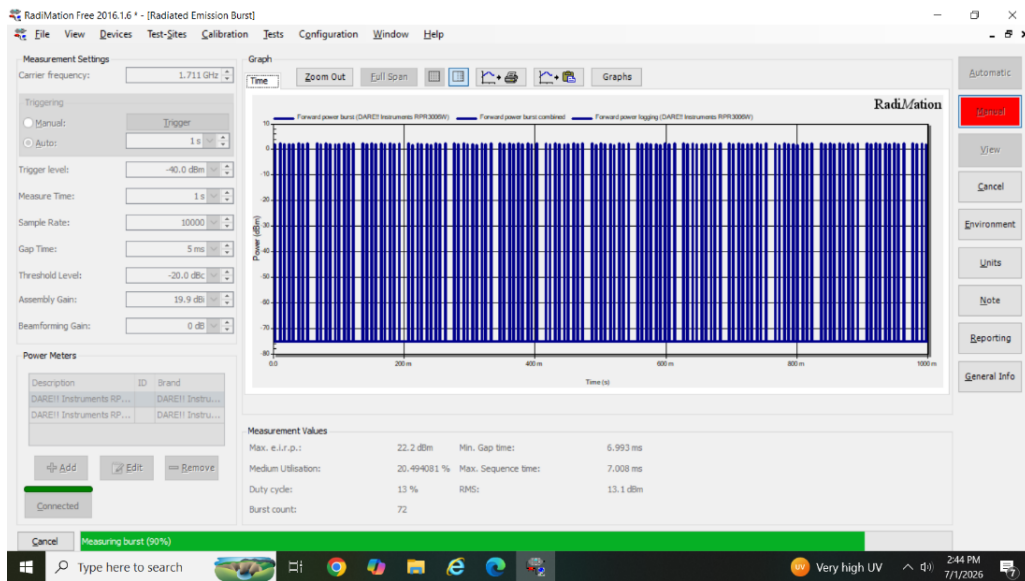
pwr rms B2 Mch QPSK



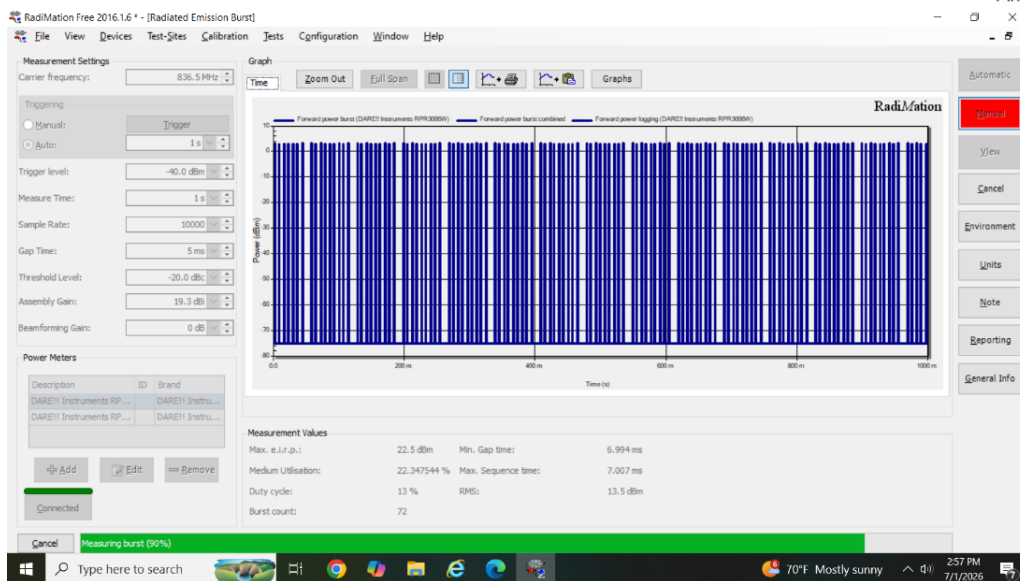
pwr rms B2 Mch 16QAM



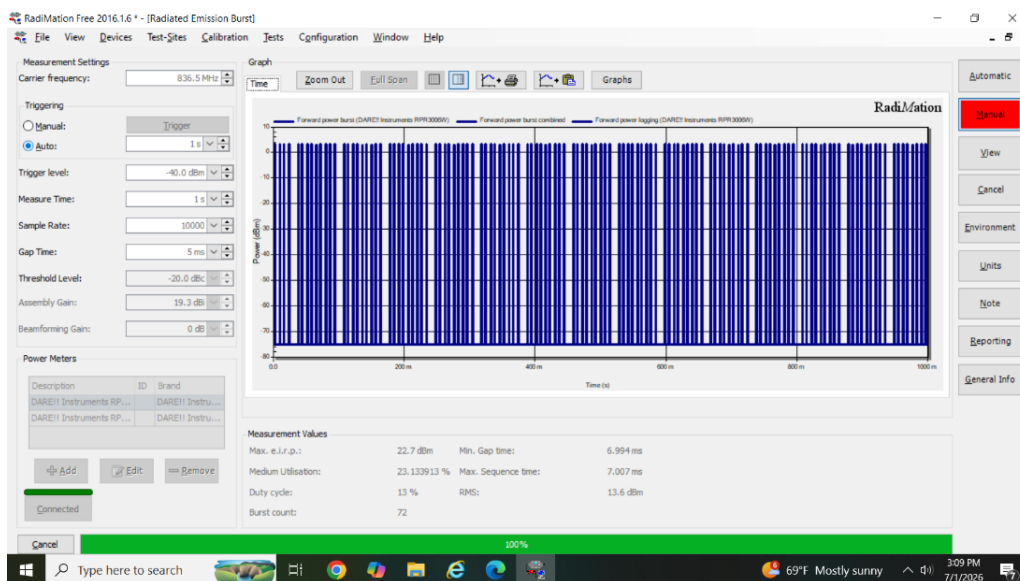
pwr rms B4 Mch_QPSK



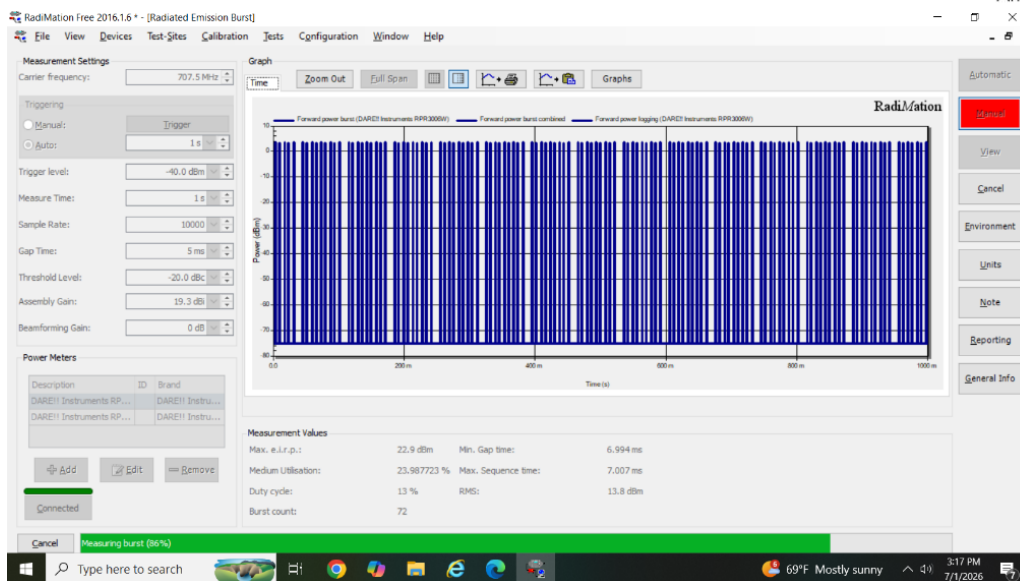
pwr rms B4 Mch_16QAM



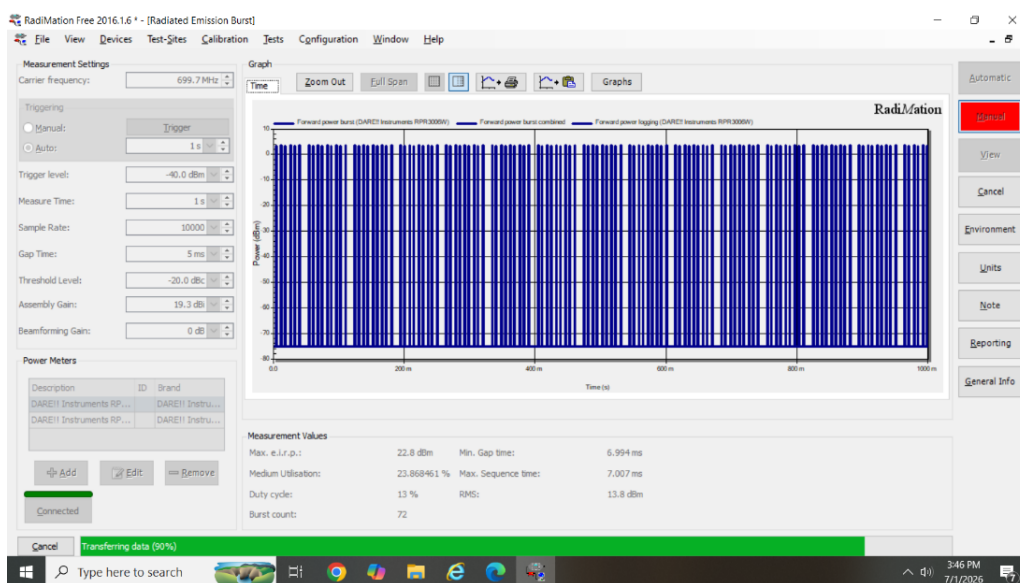
pwr rms B5 Mch_QPSK



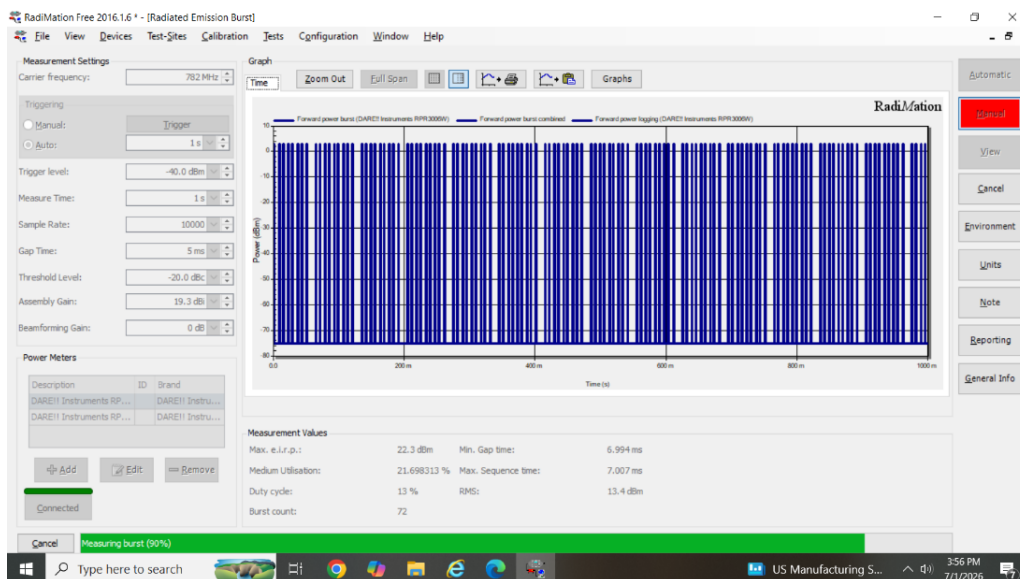
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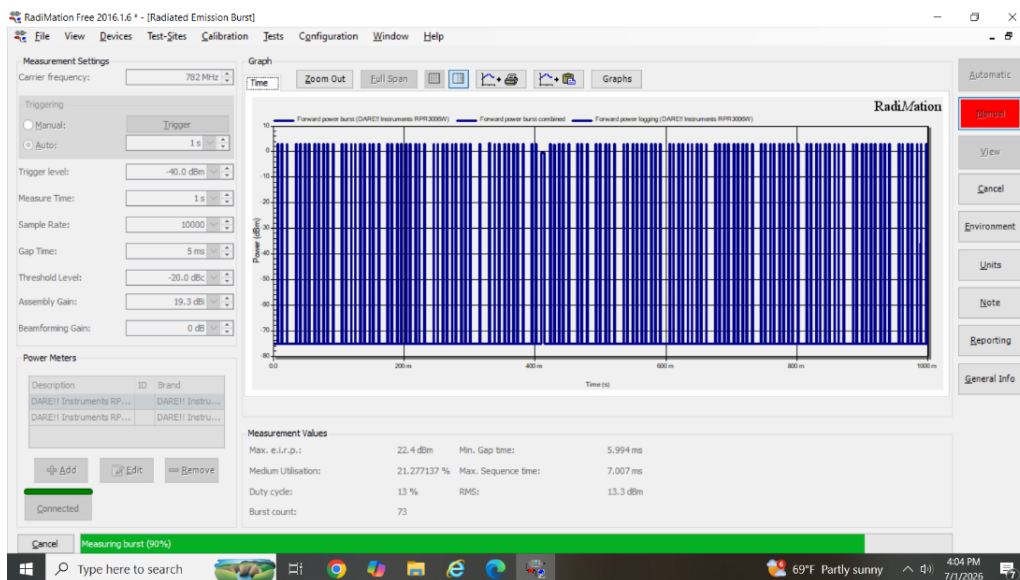
pwr rms B12 Mch QPSK



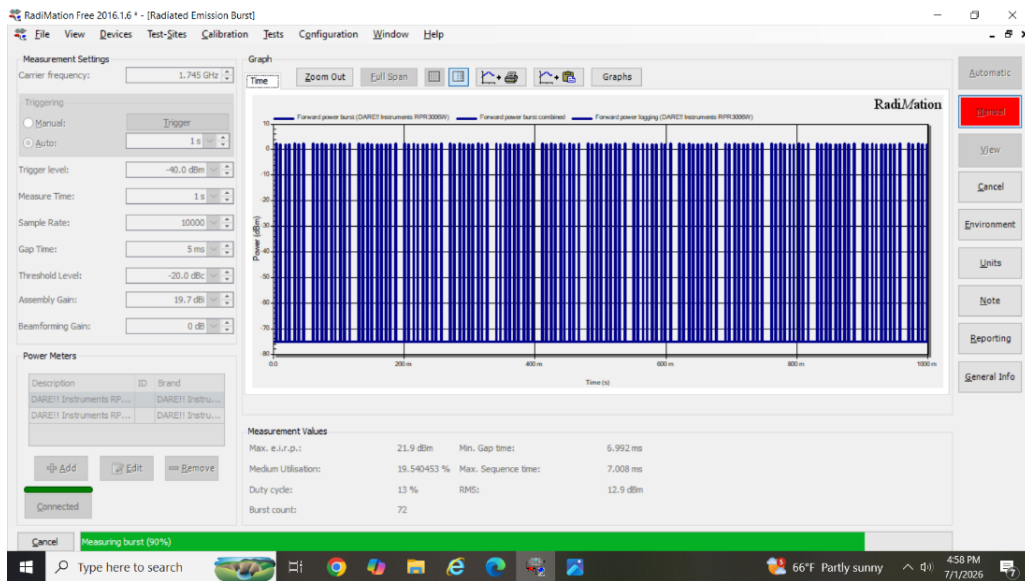
pwr rms B12 Bch 16QAM



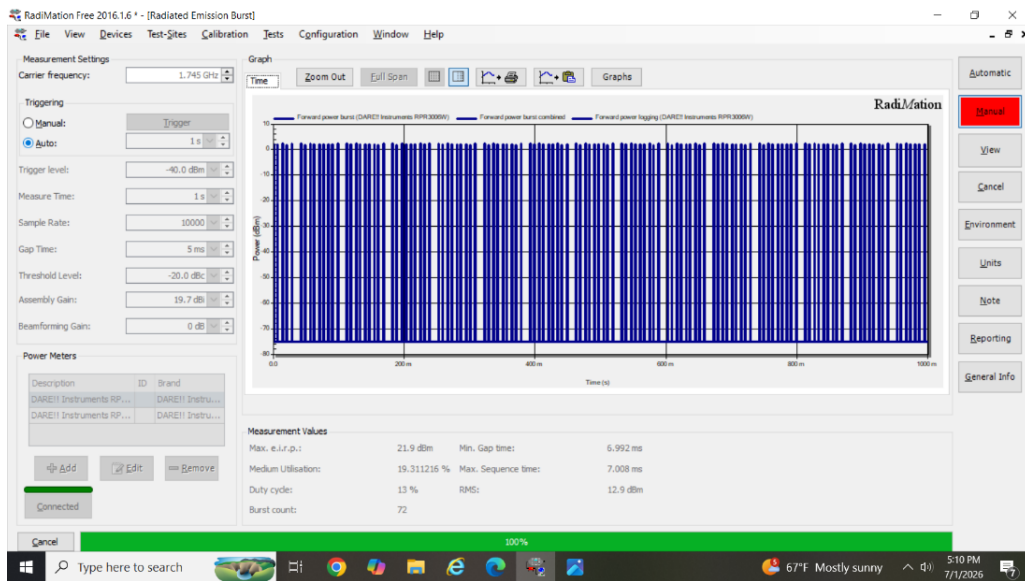
pwr rms B13 Mch_QPSK



pwr rms B13 Mch_16QAM



pwr rms B66 Mch QPSK



pwr rms B66 Mch 16QAM



2.2 PEAK TO AVERAGE POWER RATIO

2.2.1 Specification Reference

FCC Part 24, Subpart E – 24.232(d)
FCC Part 22, Subpart H – 22.913(d)
FCC Part 27, Subpart C, F, H, L – 27.50(d)(5)

2.2.2 Standard Applicable

FCC CFR Title 47 Part 24.232(d) / For LTE Band 2

Power measurements for transmissions by stations authorized under this section may be made either in accordance with a Commission-approved average power technique or in compliance with paragraph (e) of this section. In both instances, equipment employed must be authorized in accordance with the provisions of § 24.51. In measuring transmissions in this band using an average power technique, the peak-to-average ratio (PAR) of the transmission may not exceed 13 dB.

FCC CFR Title 47 Part 22.913(d) / For LTE Band 5

Power measurement. Measurement of the ERP of Cellular base transmitters and repeaters must be made using an average power measurement technique. The peak-to-average ratio (PAR) of the transmission must not exceed 13 dB

FCC CFR Title 47 Part 27.50(d)(5) / For LTE Band 4, 12, 13 and 66

Equipment employed must be authorized in accordance with the provisions of § 24.51. Power measurements for transmissions by stations authorized under this section may be made either in accordance with a Commission-approved average power technique or in compliance with paragraph (d)(6) of this section. In measuring transmissions in this band using an average power technique, the peak-to-average ratio (PAR) of the transmission may not exceed 13 dB.

2.2.3 Equipment Under Test and Modification State

Serial No: 010011588877 / Conducted Port Test Configuration

2.2.4 Date of Test/Initial of test personnel who performed the test

July1 and July 2, 2026 / OC

2.2.5 Test Equipment Used

The major items of test equipment used for the above tests are identified in Section 3.1.

2.2.6 Environmental Conditions/ Test Location

Test performed at TÜV SÜD America Inc. Mira Mesa facility.

Ambient Temperature	23.8 °C
Relative Humidity	48.0 %
ATM Pressure	100.7 kPa

2.2.7 Additional Observations

- This is a conducted test.
- Transmitter Power was measured with a Power Sensor (Peak Measurement).
- Compensation for the RF cable and the directional coupler path loss was applied during the measurement.
- Test was performed under normal environment conditions.
- Only screenshots from the mid-channel are presented for reference.
- Peak to average power ratio is the difference between the Peak results and average (Average data used is the corrected for 100% DC form section 2.1.8).
- Test setup Pictures will be provided as separate exhibits.

2.2.8 Test Results (Peak) and PAPR computation

Band 2 (Conducted)

Modulation	Power (dBm) peak		
	1850.7 MHz	1880 MHz	1909.3 MHz
QPSK	27.91	28.38	27.35
16-QAM	28.39	28.39	28.25
Peak to Average ratio dB (Average data used is the corrected for 100%DC form section 2.1.8)			
QPSK	4.95	5.42	4.29
16-QAM	5.43	5.23	4.89
EUT Complies			

Band 4 (Conducted)

Modulation	Power (dBm) Peak		
	1710.7 MHz	1732.5 MHz	1754.3 MHz
QPSK	26.23	25.92	25.96
16-QAM	26.24	26.00	26.45
Peak to Average ratio dB (Average data used is the corrected for 100%DC form section 2.1.8)			
QPSK	3.77	3.86	4
16-QAM	3.98	4.04	4.49
EUT Complies			

Band 5 (Conducted)

Modulation	Power (dBm) Peak		
	824.7 MHz	836.5 MHz	848.3 MHz
QPSK	28.03	27.90	28.26
16-QAM	28.18	28.26	28.07
Peak to Average ratio dB (Average data used is the corrected for 100%DC form section 2.1.8)			
QPSK	5.57	5.54	5.6
16-QAM	5.72	5.8	5.41
EUT Complies			

Band 12 (Conducted)

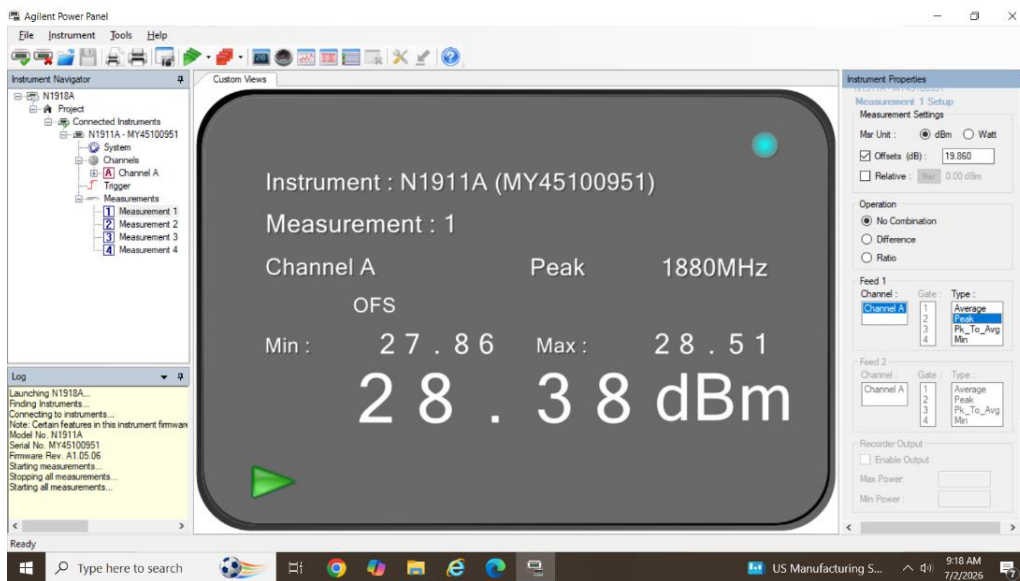
Modulation	Power (dBm) peak		
	699.7 MHz	707.5 MHz	715.3 MHz
QPSK	28.19	28.10	28.11
16-QAM	28.80	28.44	28.42
Peak to Average ratio dB (Average data used is the corrected for 100%DC form section 2.1.8)			
QPSK	5.53	5.44	5.55
16-QAM	6.14	5.78	5.76
EUT Complies			

Band 13 (Conducted)

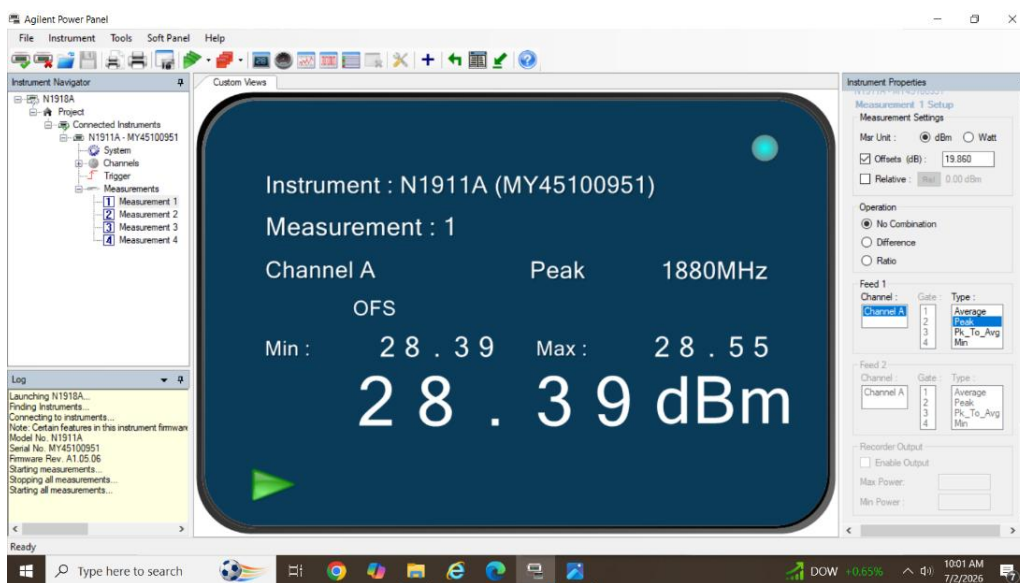
Modulation	Power (dBm) peak		
	777.7 MHz	782 MHz	786.3 MHz
QPSK	27.79	27.68	27.69
16-QAM	28.28	28.19	28.10
Peak to Average ratio dB (Average data used is the corrected for 100%DC form section 2.1.8)			
QPSK	5.53	5.42	5.43
16-QAM	5.92	6.03	5.84
EUT Complies			

Band 66 (Conducted)

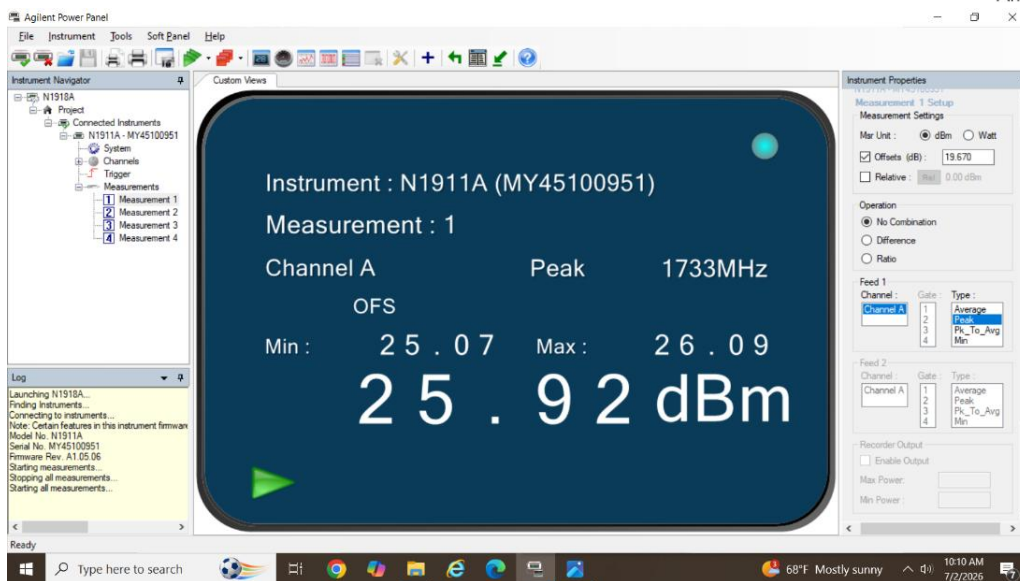
Modulation	Power (dBm) rms		
	1710.7 MHz	1745 MHz	1779.3 MHz
QPSK	25.71	25.77	28.34
16-QAM	26.42	25.86	27.47
Peak to Average ratio dB (Average data used is the corrected for 100%DC form section 2.1.8)			
QPSK	3.45	4.01	5.68
16-QAM	4.26	4.1	4.81
EUT Complies			



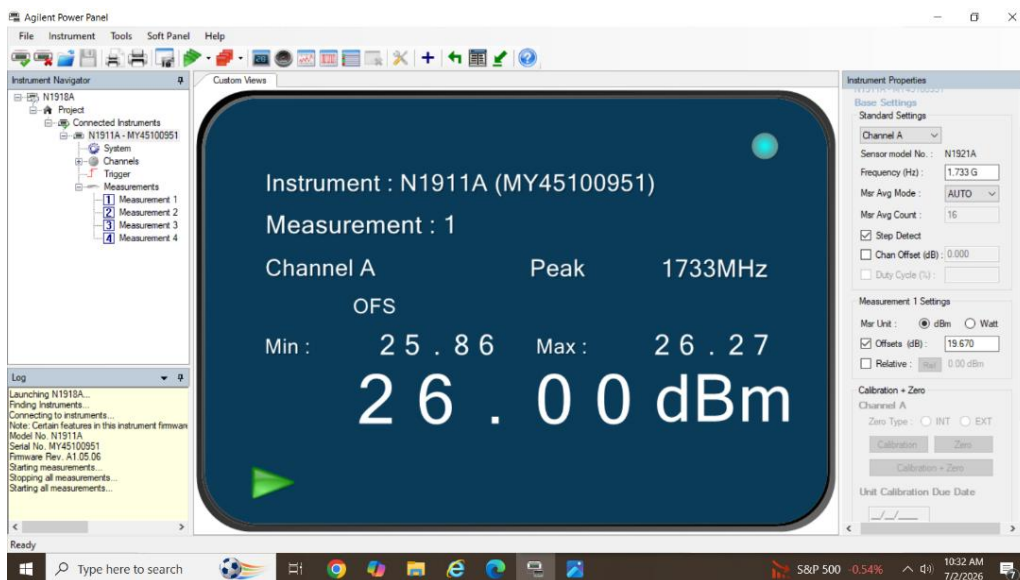
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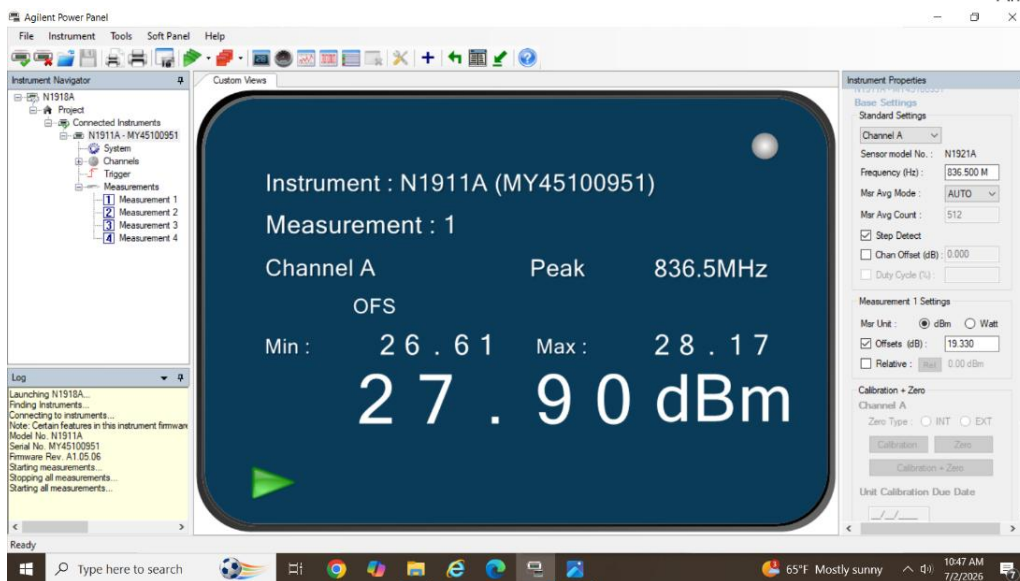
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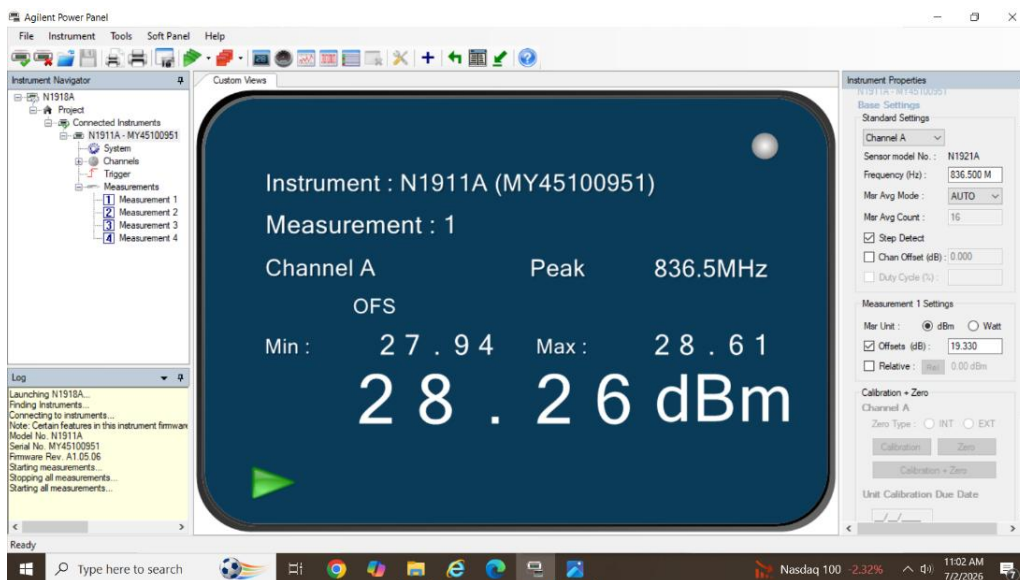
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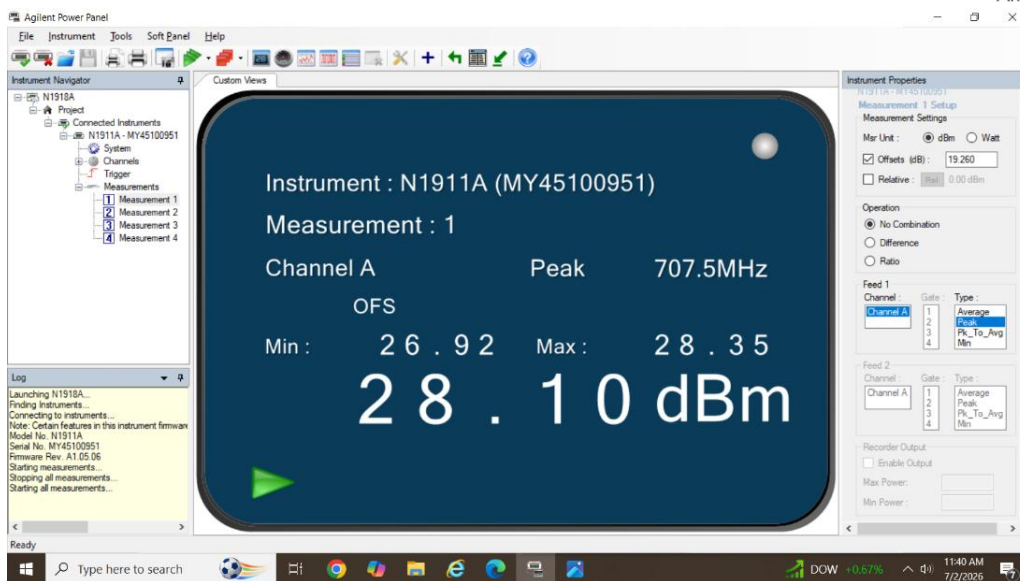
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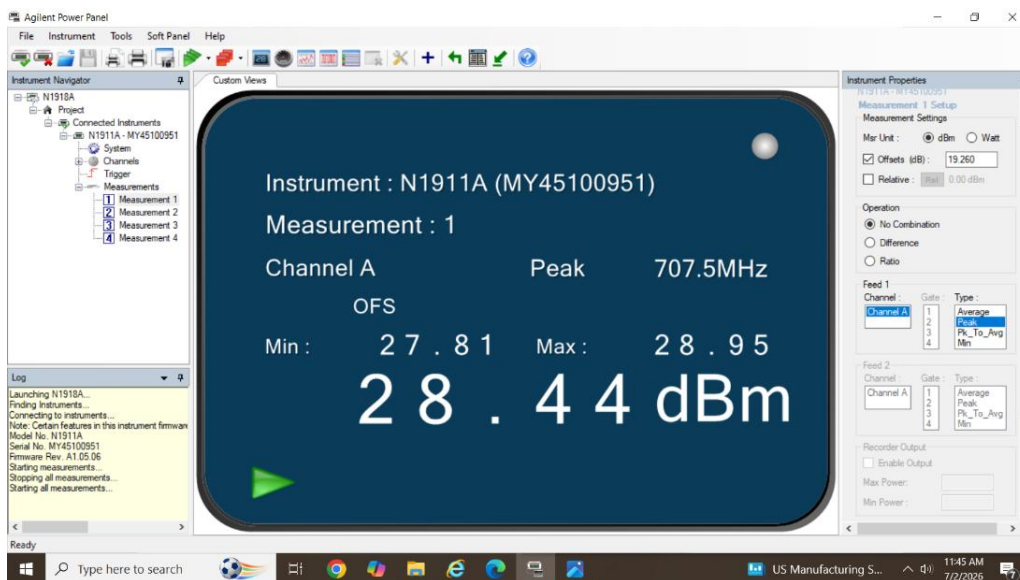
pwr pk B5 Mch QPSK



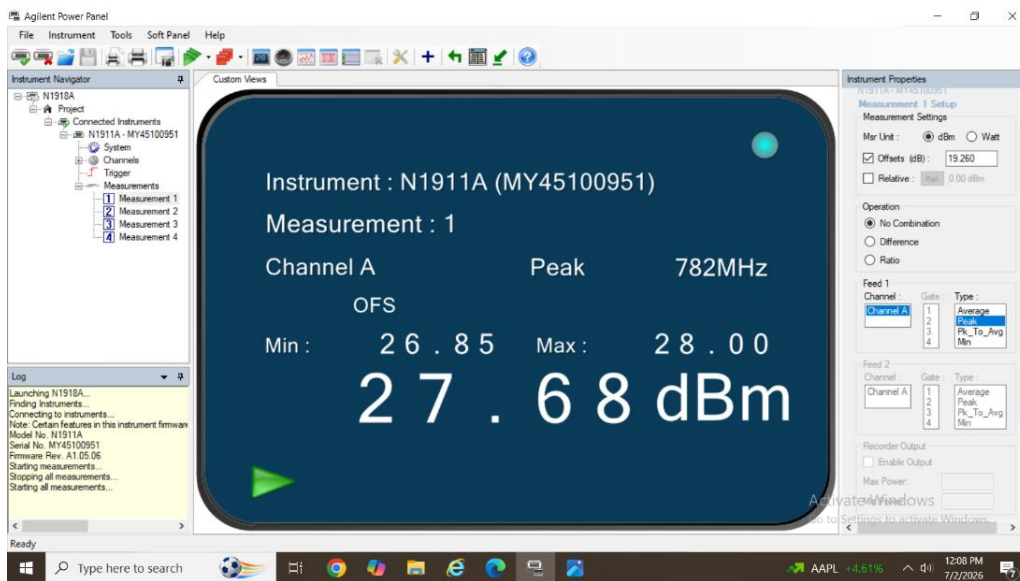
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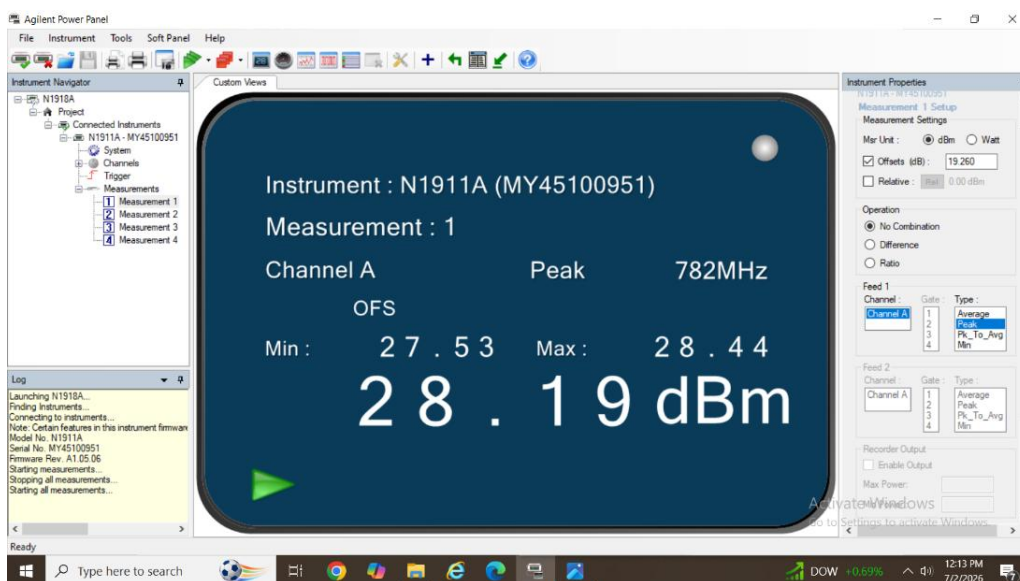
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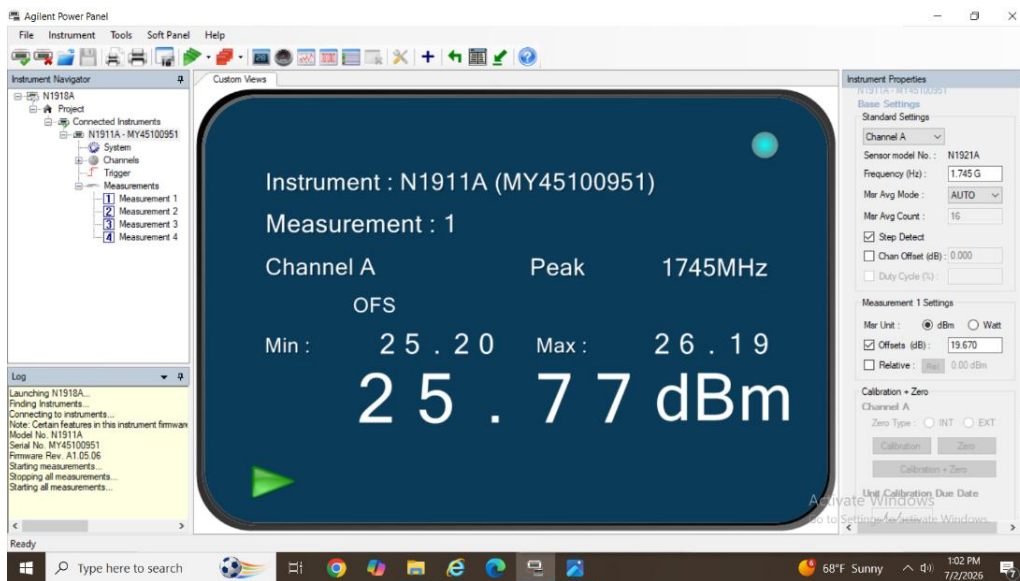
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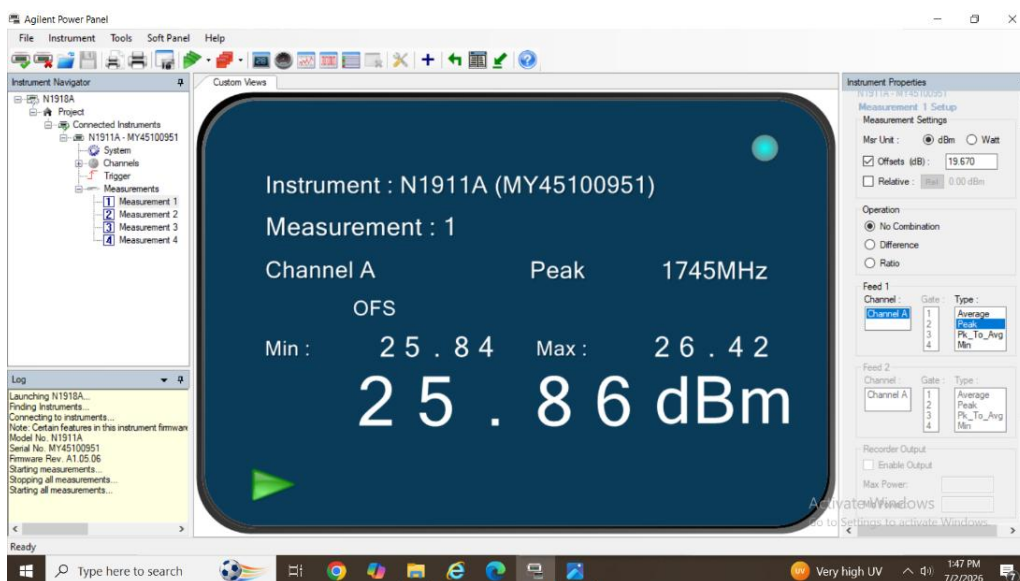
pwr pk B13 Mch QPSK



pwr pk B13 Mch 16QAM



pwr pk B66 Mch QPSK



pwr pk B66 Mch 16QAM



2.3 OCCUPIED BANDWIDTH

2.3.1 Specification Reference

FCC Part 24, Subpart E
FCC Part 22, Subpart H
FCC Part 27, Subpart C, F, H, L

2.3.2 Standard Applicable

FCC CFR Title 47 Part 2.1049

The occupied bandwidth, that is the frequency bandwidth such that, below its lower and above its upper frequency limits, the mean powers radiated are each equal to 0.5 percent of the total mean power radiated by a given emission shall be measured under the following conditions as applicable:

2.3.3 Equipment Under Test and Modification State

Serial No: 010011588877 / Conducted Port Test Configuration

2.3.4 Date of Test/Initial of test personnel who performed the test

June 26 and July 7, 2026 / OC

2.3.5 Test Equipment Used

The major items of test equipment used for the above tests are identified in Section 3.1.

2.3.6 Environmental Conditions/ Test Location

Test performed at TÜV SÜD America Inc. Mira Mesa facility.

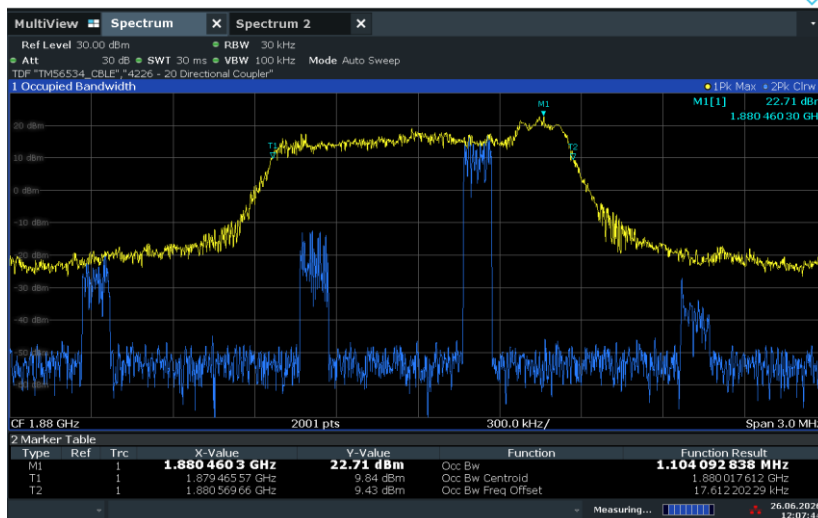
Ambient Temperature	23.8 °C
Relative Humidity	48.0 %
ATM Pressure	100.7 kPa

2.3.7 Additional Observations

- This is a conducted test.
- Compensation for the RF cable and the directional coupler path loss was applied during the measurement.
- Resolution Bandwidth on Spectrum Analyzer is between 1% to 5% of the expected Occupied Bandwidth (both 99%OBW and 26dB Bandwidth measurements).
- Video Bandwidth is $3 \geq \text{RBW}$ (both 99%OBW and 26dB Bandwidth measurements).
- Test method was performed per ANSI C63.26, 2015 Edition, 2015 Section 5.4.3 (26dB bandwidth).
- ndB down function on spectrum analyzer was utilized (for 26 dB bandwidth).
- Test was performed under normal environment conditions.
- Test method was performed per ANSI C63.26, 2015 Edition, 2015 Section 5.4.4.
- 99% Occupied Bandwidth function on spectrum analyzer was utilized (for 99%OBW).
- Only screenshots from the mid-channel are presented for reference
- Test setup Pictures will be provided as separate exhibits.

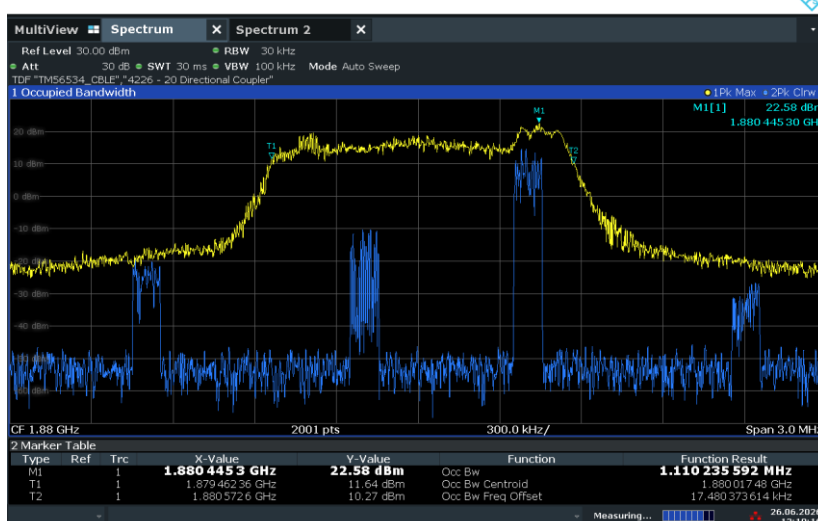
2.3.8 Test Results 99% OBW

Band 2	Modulation	Low Channel 1850.7 MHz	Mid Channel 1880 MHz	High Channel 1909.3 MHz
	QPSK	1.11 MHz	1.10 MHz	1.10 MHz
	16-QAM	1.10 MHz	1.11 MHz	1.11 MHz
Band 4	Modulation	Low Channel 1710.7	Mid Channel 1732.5	High Channel 1754.3
	QPSK	1.10 MHz	1.10 MHz	1.10 MHz
	16-QAM	1.10 MHz	1.10 MHz	1.10 MHz
Band 5	Modulation	Low Channel 824.7 MHz	Mid Channel 836.5 MHz	High Channel 848.3 MHz
	QPSK	1.10 MHz	1.10 MHz	1.10 MHz
	16-QAM	1.10 MHz	1.10 MHz	1.11 MHz
Band 12	Modulation	Low Channel 699.7 MHz	Mid Channel 707.5 MHz	High Channel 715.3 MHz
	QPSK	1.11 MHz	1.10 MHz	1.10 MHz
	16-QAM	1.10 MHz	1.11 MHz	1.11 MHz
Band 13	Modulation	Low Channel 777.7 MHz	Mid Channel 782 MHz	High Channel 786.3 MHz
	QPSK	1.11 MHz	1.10 MHz	1.10 MHz
	16-QAM	1.10 MHz	1.10 MHz	1.10 MHz
Band 66	Modulation	Low Channel 1710.7 MHz	Mid Channel 1745 MHz	High Channel 1779.3 MHz
	QPSK	1.12 MHz	1.10 MHz	1.10 MHz
	16-QAM	1.10 MHz	1.11 MHz	1.11 MHz



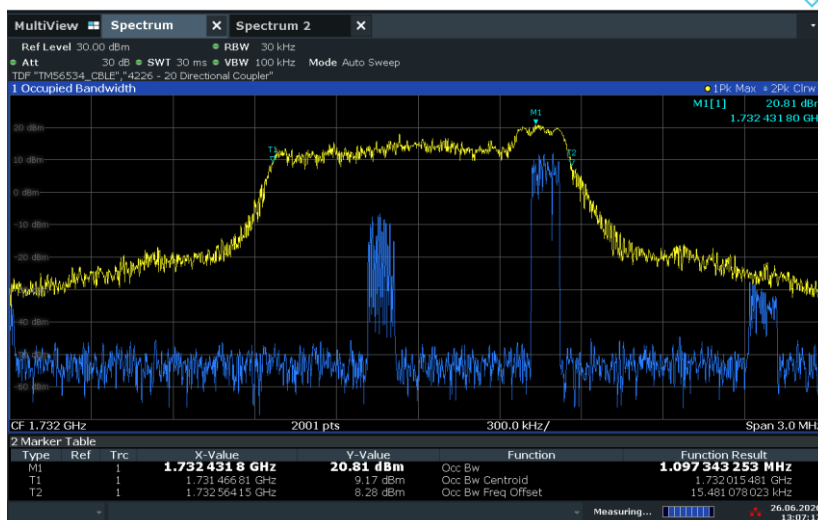
12:07:45 26.06.2026

99% OBW LTE B2 QPSK Mch



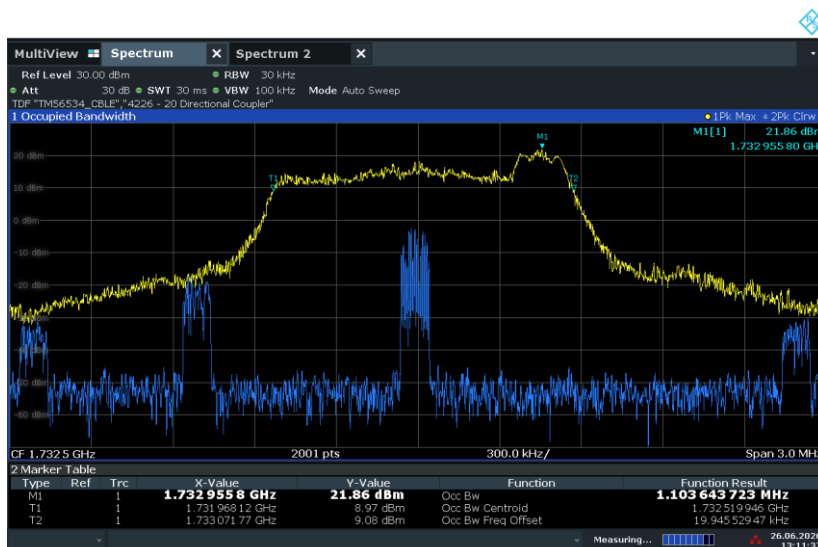
12:19:16 26.06.2026

99% OBW LTE B2 16QAM Mch



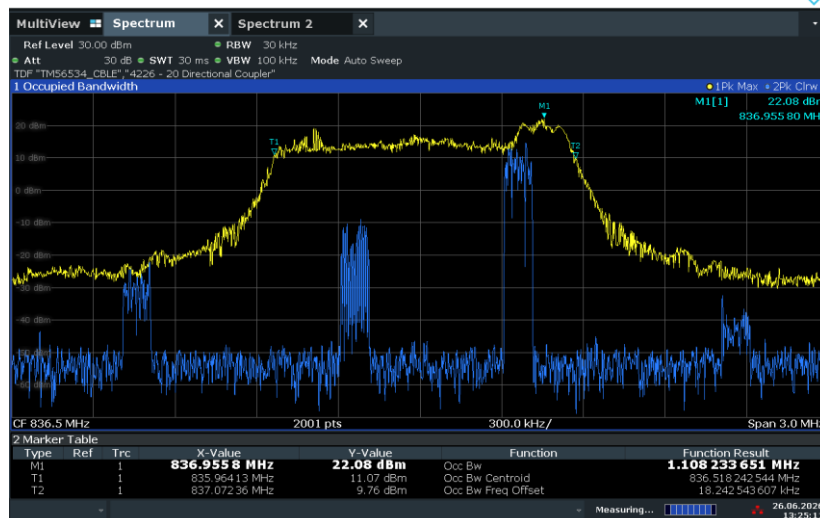
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99% OBW LTE B4 QPSK Mch



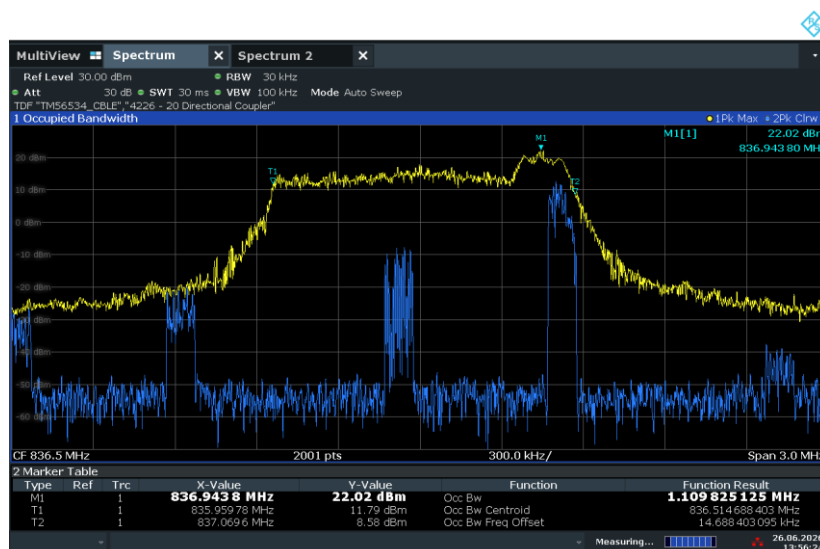
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99% OBW LTE B4 16QAM Mch



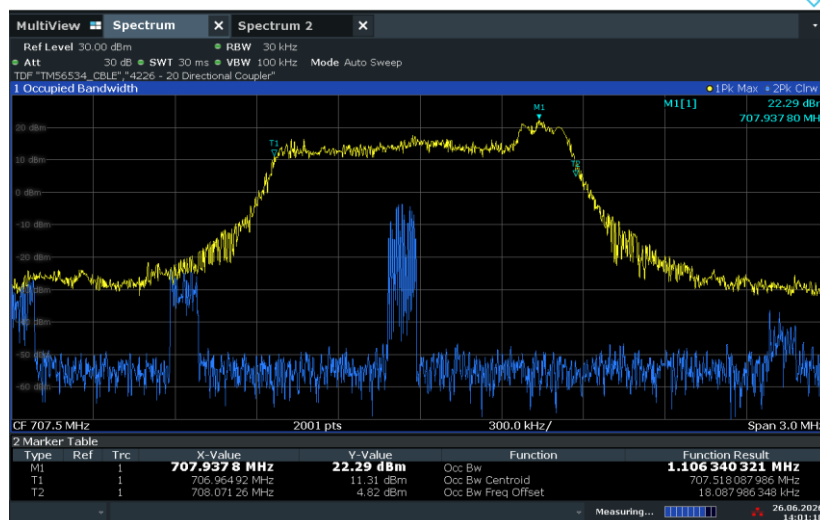
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99% OBW LTE B5 QPSK Mch



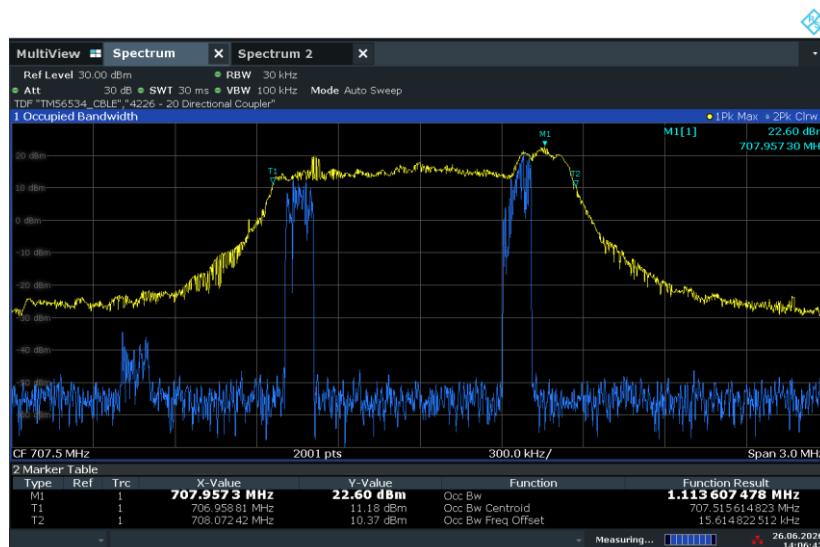
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99% OBW LTE B5 16QAM Mch



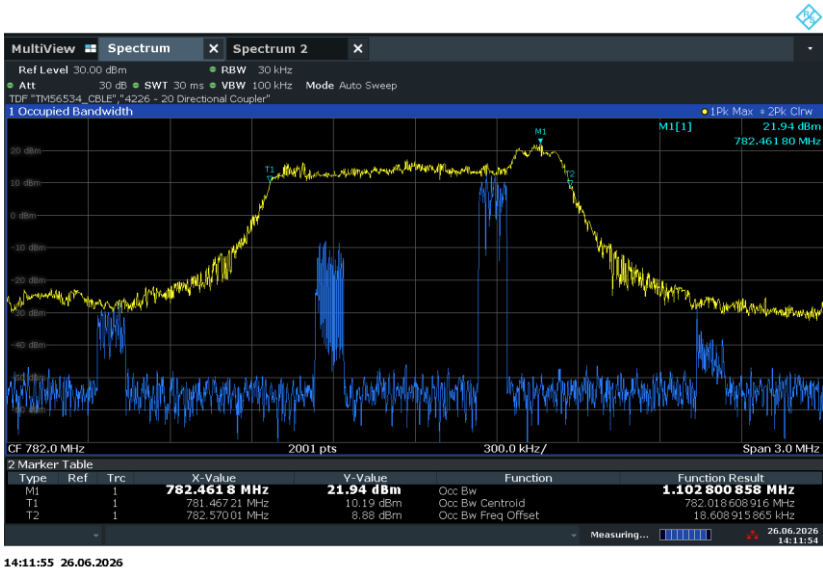
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99% OBW LTE B12 QPSK Mch

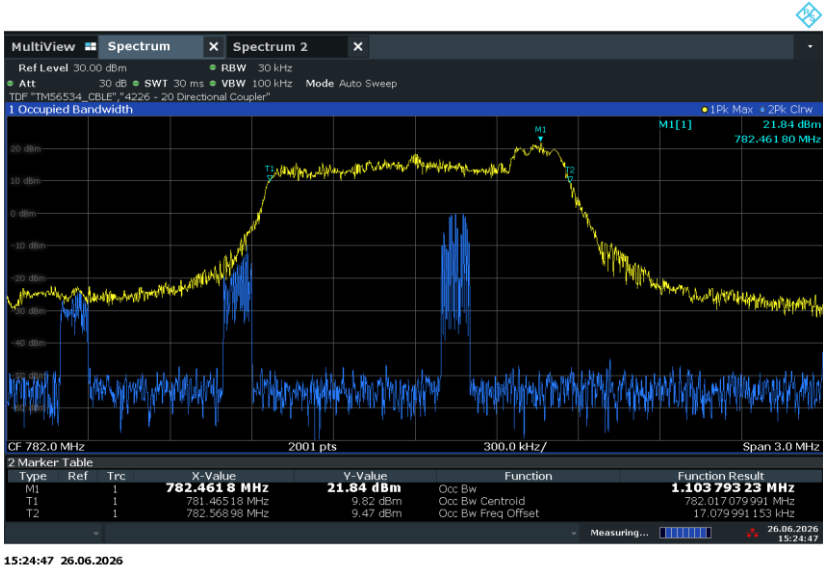


14:06:42 26.06.2026

99% OBW LTE B12 16QAM Mch



99% OBW LTE B13 QPSK Mch



99% OBW LTE B13 16QAM Mch